

PHF13, 1-300aa, Human, His tag, E.coli

Cat.NO.: TP03393

3th Edition

Synonyms:PHD finger protein 13, PHF5, SPOC1

Description:PHD finger protein 13, also known as PHF13, is required for normal chromosome condensation during the early stages of mitosis and for normal chromosome separation during mitosis. Recombinant human PHF13 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.

Form:Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.2M NaCl, 50% glycerol, 2mM DTT, 1mM EDTA, 250mM Imidazole

Molecular Weight:36.0 kDa (323aa), confirmed by MALDI-TOF

Sequences:

MGSSHHHHHHSSGLVPRGSHMGSMDSDCAAAFHPEEYSPSCKRRRTVEDFNKFCTFVLAYAGYIPYPKEELPLR
SSPSPANSTAGTIDSDGWDAGFSDIASSVPLPVSDRCFSLHQLPTLLQRAKPSNFLDRKKTDKLKKKKKRKRSD
APGKEGYRGLLKLEAADPYVETPTSPTLQDIPQAPSDPCSGWSDTPSSGSCATVSPDQVKEIKTEGKRTIVRQG
KQVFRDEDSTGNDEDIMVDSDDSDWDLVTCFCMKPFAGRPMIECNECHTWIHLSCAKIRKSNVPEVFVCQKCRD
SKFDIRRSNRSRTGSRKLFLLD

Purity:> 95% by HPLC

Concentration:0.25 mg/ml (determined by Bradford assay)

Endotoxin Level:<1.0 EU per 1 ug of protein (determined by LAL method)

Storage:Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.